

Quick Reference Guide

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Matl. Acceptance of Penetrating Water Repellent Treatment

Penetrating Water Repellent Treatment is accepted one of two ways (Visually inspected, or Performance tested), depending on the pay item assigned to your contract. The appropriate Sampling and testing requirements have been defined for each method of acceptance on the pay item. Material Acceptance is documented with a properly created sample record. Refer to the Sampling and testing checklist for the proper choices (material code, Smpl Type, Acpt Meth, test method (templates), etc) required on a sample record to satisfy contract sampling and testing requirements. The material units and the item units are the same (Square Yards), be sure to document in the contract window, the proper area (square yards) represented by your sample record.

When performance testing is required: A bridge shall have a minimum of two lots. Two cores are required per lot. A separate sample record shall be created for each bridge. For multiple bridge contracts, use of the Copy sample feature will greatly simplify sample creation. The Residency is responsible for collecting and labeling the cores and creating the sample record. Submit the cores to Materials Division for testing.

For proper documentation and compliance with specifications, the following **additional** information is required on a sample record:

On the Basic Sample Data window:

- Select the Product being used in the *Prod. Nm.* Field.
- Record the core locations (station & offset) in the remarks icon area. (if cores are required)

On the Addtl Sample Data window:

- record the bridge where the cores came from in the *Smpld From* Field
- record the number of cores being submitted for that bridge in the Smpl Size Field (if cores are required).

On the Other Data window:

- record the *Date of Manufacture*
- record the *Expiration Date*
- record the water repellent Lot *Identification Number*

On the Tests window, select the appropriate test method (templates).

For visually inspected water repellent, choose AM5001 and complete the template by residency personnel.

For performance tested water repellent, choose C94005 and C94006.

Authorization of Sample Record:

- For visually inspected water repellent, the Residency is responsible for review and authorization of the sample record.

- For performance tested water repellent, the Materials Division will test the cores, document the results in the templates and authorize the sample record. If test results are outside of the limits, the templates compute a pay factor, and the sample status will be set to Fail & Accepted. The calculated pay factors in the templates are **not** automatically applied to a pay item. The Residency is responsible for applying pay adjustments on the appropriate items.